



Municipality of Metropolitan Seattle

Exchange Building • 821 Second Ave. • Seattle, WA 98104-1598 • (206) 684-2100

January 24, 1992

James C. Brown  
ALASKAN COPPER WORKS  
Box 3546  
SEATTLE, WA 98124

Dear James C. Brown:

The Industrial Waste Section of Metro has collected sample(s) of the waste water from your discharge for Total Toxic Organic (TTO) analysis. The purpose of this letter is to notify you of these analytical results with a determination of whether or not your discharge is in compliance with the TTO standard.

TOTAL TOXIC ORGANIC ANALYSIS FOR:

STATION: A4010  
SITE DESCRIPTION: 6TH AVE SOUTH

<u>Sampling Date</u>	<u>Total Toxic Organic (ppm)</u>	<u>Comment(s)</u>
1/8/92	0.	<i>In compliance</i>

NOTE: TTO is based on the sum of the concentrations of priority pollutants that exceed 10 ppb.

If you have any questions, please call your Metro contact person: Christie True 689-3009; Jim Sifford 689-3008; Larry Holyoke 689-3018; Patricia Magnuson 684-3019; Jacqueline Eden 689-3011; and Horace Lee at 684-3017.

Very truly yours,

Industrial Waste Investigator  
Environmental Programs

## GC/MS VOLATILES ORGANIC ANALYSIS REPORT

Sample No: 9205497

Batch No.: VM#62

Station: A4010

Sample ID: AK CU

Date Sampled: 01-09-92

Project: B40120

Inst. ID: 4500C

Matrix: WASTEWATER

Amount: 5.0 ML

Dilution: 5.0

% Solids: 0.00

Priority Pollutants	Wet DL (ppb)	Wet Conc (ppb)
CHLOROMETHANE	10.00	ND
VINYLCHLORIDE	10.00	ND
BROMOMETHANE	10.00	ND
CHLOROETHANE	10.00	ND
TRICHLOROFLUOROMETHANE	10.00	ND
ACROLEIN	50.00	ND
1,1-DICHLOROETHYLENE	10.00	ND
METHYLENE CHLORIDE	50.00	ND
ACRYLONITRILE	50.00	ND
TRANS-1,2-DICHLOROETHYLENE	10.00	ND
1,1-DICHLOROETHANE	10.00	ND
CHLOROFORM	10.00	ND
1,1,1-TRICHLOROETHANE	10.00	ND
CARBON TETRACHLORIDE	10.00	ND
BENZENE	10.00	ND
1,2-DICHLOROETHANE	10.00	ND
1,1,2-TRICHLOROETHYLENE	10.00	ND
1,2-DICHLOROPROPANE	10.00	ND
BROMODICHLOROMETHANE	10.00	ND
2-CHLOROETHYL VINYLETHER	10.00	ND
TRANS-1,3-DICHLOROPROPENE	10.00	ND
TOLUENE	10.00	ND
CIS-1,3-DICHLOROPROPENE	10.00	ND
1,1,2-TRICHLOROETHANE	10.00	ND
TETRACHLOROETHYLENE	10.00	ND
CHLORODIBROMOMETHANE	10.00	ND
CHLOROBENZENE	10.00	ND
ETHYL BENZENE	10.00	ND
BROMOFORM	10.00	ND
1,1,2,2-TETRACHLOROETHANE	10.00	ND
Additional Compounds	Wet DL (ppb)	Wet Conc (ppb)
ACETONE	50.00	ND
CARBON DISULFIDE	10.00	ND
VINYL ACETATE	50.00	ND
2-BUTANONE (MEK)	50.00	ND
4-METHYL-2-PENTANONE (MIBK)	50.00	ND
2-HEXANONE	50.00	ND
TOTAL XYLENE	10.00	ND
STYRENE	10.00	ND

Note - DL means Sample Detection Limits (based on 100% recovery).  
 NA means Not Analyzed, ND means Not Detected.

VOLATILE TENTATIVELY IDENTIFIED COMPOUNDS

File No.: 9205497

Method: EPA 624

Init. Amt.: 5.0 ML

Sample: AK COPPER

Matrix: WASTEWATER

Dilution: 5.0

% Solids: 0.0

No.	Compound Name	CAS#	Scan	Q	Est Conc
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NONE FOUND